

SEQUENCE LISTING

<110> GYURIS, JENO
MORRIS, AARON J.

<120> METHODS AND REAGENTS FOR ISOLATING BIOLOGICALLY ACTIVE
PEPTIDES

<130> MIV-106.01

<140> 09/174,943

<141> 1998-10-19

<160> 8

<170> PatentIn Ver. 2.0

<210> 1

<211> 527

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: pAM6 M13/COS
peptide expression plasmid

<220>

<221> CDS

<222> (124..222, 226..417)

<400> 1

cgcaattact gtgagtttagc tcaactcatta ggcaccccag gctttacact ttatacttcc	60
ggctcgtata ttgtgtggaa ttgtgagcgg ataacaattt ctagaaggaa acaggtaagt	120
atg aaa aaa tta tta ttc gca att cct tta gtt gtt cct ttc tat tct	168
Lys Lys Leu Leu Phe Ala Ile Pro Leu Val Val Pro Phe Tyr Ser	
1 5 10 15	
cac tcc gct gaa tta ctg aca tcc act ttg cct ttc tct cca cag ggg	216
His Ser Ala Glu Leu Leu Thr Ser Thr Leu Pro Phe Ser Pro Gln Gly	
20 25 30	
gcc acc atg aaa tgc agc tgg gtt atc ttc ttc ctg atg gca gtg gtt	264
Ala Thr Lys Cys Ser Trp Val Ile Phe Phe Leu Met Ala Val Val	
35 40 45	
aca ggg gtc aat tca gca cca ggc gga tgg gcg gcc gca gag caa aag	312
Thr Gly Val Asn Ser Ala Pro Gly Gly Trp Ala Ala Ala Glu Gln Lys	
50 55 60	
ctc att tct gaa gag gac ttg gca cac cat cac cat cac cat ctg cag	360
Leu Ile Ser Glu Glu Asp Leu Ala His His His His His Leu Gln	
65 70 75	
cca tta tct tgg cag gta agt gct gag ggt gac gat ccc ttc acc tcg	408
Pro Leu Ser Trp Gln Val Ser Ala Glu Gly Asp Asp Pro Phe Thr Ser	

10030304.0

80

85

90

aaa gca agc tgataaagtc taagcccgcc taatgagcgg gctttttttt

457

Lys Ala Ser

95

tactgacatc ctcgaggcct ttctctccac aggggtagat aactgaactt gtttattgca

517

gattataatg

527

<210> 2

<211> 97

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: pAM6

<400> 2

Lys Lys Leu Leu Phe Ala Ile Pro Leu Val Val Pro Phe Tyr Ser His
1 5 10 15Ser Ala Glu Leu Leu Thr Ser Thr Leu Pro Phe Ser Pro Gln Gly Ala
20 25 30Thr Lys Cys Ser Trp Val Ile Phe Phe Leu Met Ala Val Val Thr Gly
35 40 45Val Asn Ser Ala Pro Gly Gly Trp Ala Ala Ala Glu Gln Lys Leu Ile
50 55 60Ser Glu Glu Asp Leu Ala His His His His His His Leu Gln Pro Leu
65 70 75 80Ser Trp Gln Val Ser Ala Glu Gly Asp Asp Pro Phe Thr Ser Lys Ala
85 90 95

Ser

<210> 3

<211> 488

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: pAM7 M13/COS
peptide expression plasmid

<220>

<221> CDS

<222> (25..78, 193..378)

<400> 3

cgcaattact ctagagccac catg aaa tgc agc tgg gtt atc ttc ttc ctg
Lys Cys Ser Trp Val Ile Phe Phe Leu

51

20250414 14:30:00

5

15

158

Lys Ile Lys Leu Ala Leu

20

40

45

50

55

60

65

70

75

80

468

488

<213> Artificial Sequence

<223> Description of Artificial Sequence: pAM7

1

5

10

15

20

25

30

35

40

45

50

55

60

65

70

75

80

<210> 5
 <211> 426
 <212> DNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: pAM8 M13/COS
 peptide expression plasmid

<220>

<221> CDS

<222> (121)..(324)

<400> 5

cgcaattact gtgagtttagc tcaactcatta ggcaccccag gctttacact ttataacttcc 60
 ggctcgtata ttgtgtggaa ttgtgagcgg ataacaatth ctagaaggaa agccaccatg 120

tct atc caa cac ttc cgt gtt gca tta atc cct ttc ttt gca gcg ttc 168
 Ser Ile Gln His Phe Arg Val Ala Leu Ile Pro Phe Phe Ala Ala Phe
 1 5 10 15

tgt tta cct gtt ttc gca ggt cca ggc gga tgg gcg gcc gca gag caa 216
 Cys Leu Pro Val Phe Ala Gly Pro Gly Gly Trp Ala Ala Ala Glu Gln
 20 25 30

aag ctc att tct gaa gag gac ttg gca cac cat cac cat cac cat ctg 264
 Lys Leu Ile Ser Glu Glu Asp Leu Ala His His His His His His Leu
 35 40 45

cag cca tta tct tgg cag gta agt gct gag ggt gac gat ccc ttc acc 312
 Gln Pro Leu Ser Trp Gln Val Ser Ala Glu Gly Asp Asp Pro Phe Thr
 50 55 60

tcg aaa gca agc tgataaagtc taagcccgcc taatgagcgg gctttttttt 364
 Ser Lys Ala Ser
 65

tactgacatc ctcgaggcct ttctctccac aggggtagat aactgaactt gtttattgca 424

ga 426

<210> 6

<211> 68

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: pAM8

<400> 6

Ser Ile Gln His Phe Arg Val Ala Leu Ile Pro Phe Phe Ala Ala Phe
 1 5 10 15

Cys Leu Pro Val Phe Ala Gly Pro Gly Gly Trp Ala Ala Ala Glu Gln

bioRxiv preprint doi: <https://doi.org/10.1101/000000>; this version posted April 1, 2014. The copyright holder for this preprint (which was not certified by peer review) is the author/funder, who has granted bioRxiv a license to display the preprint in perpetuity. It is made available under aCC-BY-NC-ND 4.0 International license.

30

Ser Lys Ala Ser
65

Arg Ile Arg

Cys Asp Cys Arg Gly Asp Cys Phe Cys
1 5

[illegible]